RECOMMENDED CENTRAL COAST ITS PROJECTS

Market Package	Specific Locations/Areas	Problems Addressed	Time Frame (S/M/L)	Possible Responsible Agencies
TRAFFIC MANAGEMENT AND	SAFFTY		(0//_)	
Network Surveillance		4000740		
	Region:	1,2,3,6,7,12		
CCTV - the use of closed	As part of all future ramp meter installations	(Recurring		
	Santa Barbara County:	Congestion,	s	Coltrono
circuit television to	US 101 - SR 150/Ventura County line to Hollister Ave. (Santa Barbara Area)	Non-Recurring		Caltrans
monitor road conditions	US 101 - Clark Ave to San Luis Obispo County Line (Santa Maria Area)	Congestion,	S/M	Caltrans
CCTV at approximate	San Luis Obispo County:	Spec. Event/		O-live -
1 mile spacing, generally	US 101 - Cuesta Grade (San Luis Obispo to SR 58)	Act. Cntr Traffic,	M	Caltrans
near ramp meters when available.	US 101 - SR 166/Santa Barbara county line to Los Berros (Nipomo Area)	Emergency	M	Caltrans
	US 101 - El Campo to Lower Higuera (Five Cities Area)	Response,	M	Caltrans
	US 101 - Los Osos Valley Rd. to Monterey St. (San Luis Obispo Area)	Real-Time	М	Caltrans
	US 101 - SR 58 to Santa Cruz Rd. (Santa Margarita/Atascadero Area)	System Monit.,	М	Caltrans
	US 101 - Vineyard to SR 46 east (Templeton/Paso Robles Area)	Better	М	Caltrans
	Son Bonito County	Plng Data)		
	San Benito County:			Caltura
	US 101 - Monterey County line to 7.5 miles north		М	Caltrans
	Monterey County:		0/14	0.11
	US 101 - around SR 156 junction		S/M	Caltrans
	US 101 - Airport Blvd. to Boronda (Salinas Area)		М	Caltrans
	US 101 - Russel Rd/Espinosa Rd. to Crazy Horse Rd. (Prunedale Area)		М	Caltrans
	SR 1 - SR 68 (south) to Reservation Rd. (Monterey Peninsula)		S/M	Caltrans
	Santa Cruz County:		_	
	SR 17 - SR 1/SR 17 Junction to Santa Clara County Line		S	Caltrans
	SR 1 - Freedom Blvd. O.C. to SR 1/SR 17 Junction		S	Caltrans
Network Surveillance (cont.)	Santa Barbara County:	1,2,3,6,7,12		
Surveillance Stations	US 101 - SR 150 Junction (Ventura County line) to Hollister Ave.	(Recurring	S	Caltrans
- devices at specific locations	US 101 - Clark Ave So. of Santa Maria to San Luis Obispo County Line	Congestion,	S/M	Caltrans
to monitor road conditions - has	SR 1 - start of expressway (Lompoc) to SR 135 N (Orcutt)	Non-Recurring	M	Caltrans
the ability to capture and store	SR 135 - Santa Antonio Rd to SR 1 S	Congestion,	M	Caltrans
planning data	San Luis Obispo County:	Spec. Event/		
	US 101 - Santa Barbara county line to northern San Luis Obispo city limits	Act. Cntr Traffic,	M	Caltrans
Surveillance station loops at	US 101 - Cuesta Grade	Emergency	M	Caltrans
approximate 1/2 mile spacing	US 101 - SR 58 to SR 46 east	Response,	M	Caltrans
infilling coverage between ramp	SR 1 - US 101 to end of freeway section (Cayucos)	Real-Time	M	Caltrans
meter mainline loop detectors.	SR 46 - US 101 to east	System Monit.,	M	Caltrans
The combination of surveillance	San Benito County:	Better		
station loops and ramp meter	SR 25 - Hollister city limits to Santa Clara county line	Plng Data)	M	Caltrans
mainline loop detectors will pro-	SR 156 - US 101 to SR 152/Santa Clara County line		M	Caltrans
vide surveillance at approximate	Monterey County:			
1/2 mile intervals	US 101 - Airport Blvd. to Crazy Horse Rd		S/M	Caltrans
	SR 1- start freeway (Carmel) to end freeway/SR 156 (Castroville)		S/M	Caltrans
	SR 68 - SR 1 to US 101		M	Caltrans
	Santa Cruz County:			
	SR 1 - Freedom Blvd. O.C. to SR 1/SR 17 Junction		S	Caltrans
	SR 17 - SR 1/SR 17 Junction to Santa Clara County Line		S	Caltrans
Network Surveillance (cont.)	Santa Barbara County:	1,2,3,6,7,12		1
Smart Call Boxes	U.S. 101 - Ventura County Line to San Luis Obispo County Line	(Recurring	M	SBCAG, Caltrans
- includes traffic and	SR 1 - U.S. 101 to San Luis Obispo County Line	Congestion,	M	SBCAG, Caltrans
environmental detection	San Luis Obispo County:	Non-Recurring		
capabilities	U.S. 101 - Santa Barbara County Line to north Paso Robles	Congestion,	M/L	SLOCOG, Caltrans
	SR 1 - San Luis Obispo to Monterey County Line	Spec. Event/	L	SLOCOG, Caltrans
Smart Call Boxes may be provided	SR 41 - Kings County Line to SR 46	Act. Cntr Traffic,	M/L	SLOCOG, Caltrans
along highway sections where	SR 41 - US 101 to SR 1	Emergency	M/L	SLOCOG, Caltrans
other network surveillance does	SR 46 - Kern County Line to SR 1	Response,	L	SLOCOG, Caltrans
not exist as the routes become	San Benito County:	Real-Time		
equipped with Call Boxes	SR 156 - Santa Clara County Line to US 101	System Monit.,	М	SBCOG, Caltrans
(reference Incident Management	Monterey County:	Better		1
Market Package - Motorist Aid	U.S. 101 - San Luis Obispo County Line to San Benito County Line	Ping Data)	М	TAMC, Caltrans
Systems	SR 1 - San Luis Obispo County Line to Santa Cruz County Line	g Data,	M	TAMC, Caltrans
C,0.0	Santa Cruz County:		141	17 ivio, Califallo
	SR 17 - SR 1 to Santa Clara County Line		М	SCCRTC, Caltrans

RECOMMENDED CENTRAL COAST ITS PROJECTS

Market Package	Specific Locations/Areas	Problems Addressed	Time Frame (S/M/L)	Possible Responsible Agencies
Surface Street	Santa Barbara County:	1,2,3,4,9,12	, ,	
Control	Hollister Ave.	(Recurring	S	Santa Barbara County
Basic	Upper State Street	Congestion,	S	Santa Barbara City
Synchronization/	Carrillo Blvd.	Non-Recurring	S	Santa Barbara City
Coordination	Main Street	Congestion,	S	Santa Maria
- typical urban traffic signal	Broadway	Transit Efficiency	S	Santa Maria/Caltrans
systems coordinated to allow	Central	& Effectiveness,	S	Lompoc
for smooth traffic flow	North H Street	Efficient Network	S	Lompoc/Caltrans
	SR 246 - Solvang city limits	for Commercial	S	Solvang/Caltrans
	San Luis Obispo County:	Vehicles,		
	Grand Avenue - Arroyo Grande/Grover Beach	Better	S	Local Agencies
	El Camino - Atascadero	Plng Data)	s	Atascadero
	San Benito County:	3,		
	SR 25 and SR 156 Near Hollister		s	Caltrans
	Monterey County:			
	SR 68 - York Road to Torero,		s	Caltrans
	SR 156 - Castroville Blvd to US 101		S	Caltrans
	SR 183 - Castroville Sep. to SR 1		s	Caltrans
	Santa Cruz County:			ou.i.u.io
	SR 129 near SR 1		S	Caltrans
	SR 152 near SR 1		S	Caltrans
Surface Street	Santa Barbara County:	1,2,3,4,9,12	Ŭ	Califalio
Control (cont.)	City of Santa Barbara	(Recurring	s	Santa Barbara
Central Control	City of Santa Maria	Congestion,	M	Santa Maria
		-	IVI	Santa Iviana
 allows dynamic traffic-responsive signal systems 	San Luis Obispo County: City of San Luis Obispo	Non-Recurring Congestion,	s	San Luis Obispo
Signal Systems	San Benito County:	Transit Efficiency	3	San Luis Obispo
		,		
	None	& Effectiveness,		
	Monterey County:	Efficient Network		
	City of Monterey	for Commercial	S	Monterey
	City of Salinas	Vehicles,	М	Salinas
	Santa Cruz County:	Better		
	City of Santa Cruz	Plng Data)	S	Santa Cruz
Freeway Control	Santa Barbara County:	1,2,11		
Ramp Metering	US 101 - SR 150/Ventura County line to Hollister Ave. (Santa Barbara Area)	(Recurring	S	Caltrans/CHP
- typical urban freeway	US 101 - Clark Ave to San Luis Obispo County Line (Santa Maria Area)	Congestion,	S/M	Caltrans/CHP
traffic control systems	San Luis Obispo County:	Non-Recurring		
	US 101 - SR 166/Santa Barbara county line to Los Berros (Nipomo Area)	Congestion,	М	Caltrans/CHP
The combination of surveillance	US 101 - El Campo to Lower Higuera (Five Cities Area)	Safety)	М	Caltrans/CHP
station loops and ramp meter main-	US 101 - Los Osos Valley Rd. to Monterey St. (San Luis Obispo Area)		M	Caltrans/CHP
line loop detectors will provide	US 101 - SR 58 to Santa Cruz Rd. (Santa Margarita/Atascadero Area)		M	Caltrans/CHP
surveillance at approximate	US 101 - Vineyard to SR 46 east (Templeton/Paso Robles Area)		M	Caltrans/CHP
1/2 mile intervals	San Benito County:			
	None			
	Monterey County:			
	US 101 - Airport Blvd. to Boronda (Salinas Area)		M	Caltrans/CHP
	US 101 - Russel Rd/Espinosa Rd. to Crazy Horse Rd. (Prunedale Area)		M	Caltrans/CHP
	SR 1 - SR 68 (south) to Reservation Rd. (Monterey Peninsula)		S/M	Caltrans/CHP
	Santa Cruz County:			
	SR 1 - Freedom Blvd. to SR 1/SR 17 Junction (Emeline)		S	Caltrans/CHP
	SR 17 - SR 1/SR 17 Junction to Santa Clara County Line		М	Caltrans/CHP
HOV Lane Management	Santa Cruz County:			
High Occupancy Toll	SR 1 - From junction of SR 17 approx. 6 miles south (both directions)		M/L	Caltrans/CHP/SCCRTC
(HOT) Lanes				
- use of electronic toll collection				
(ETC) systems to charge solo				
drivers to use HOV lanes				

RECOMMENDED CENTRAL COAST ITS PROJECTS

Market Package	Specific Locations/Areas	Problems Addressed	Time Frame (S/M/L)	Possible Responsible Agencies
Traffic Information	Santa Barbara County:	1,2,8,13		
Dissemination	Junction of US 101 & SR 154 (north & south)	(Recurring	S	Caltrans
Changeable	Junction of US 101 & SR 1 (south in Gaviota Pass)	Congestion,	M	Caltrans
Message Signs	Junction of US 101 & SR 166	Non-Recurring	S/M	Caltrans
(Permanent)	Junction of State Routes 1 & 150	Congestion,	М	Caltrans
- provides motorists	Junction of State Routes 1 & 246	Travel Info.	М	Caltrans
with traffic information	Junction of State Route 246 & US 101	Needs,	М	Caltrans
	Junction of State Routes 246 & 154	Maintenance	М	Caltrans
	San Luis Obispo County:	Activities)		
	Junction of US 101 & SR 1 (north in SLO)	,	S	Caltrans
	Junction of US 101 & SR 46		S	Caltrans
	Junction of State Routes 1 & 46		М	Caltrans
	US 101 - at juncture ends of Cuesta Grade		M/L	Caltrans
	SR 41 (in Central Valley)		M/L	Caltrans
	SR 46 (in Central Valley)		M/L	Caltrans
			M/L	Caltrans
	SR 166 (in Central Valley)		IVI/L	Caitrans
	San Benito County:			Oaltean
	US 101		М	Caltrans
	SR 25		М	Caltrans
	SR 156		М	Caltrans
	Hollister Municipal Airport (SR 156)		М	Caltrans
	Monterey County:			
	Junction of US 101 & SR 156 south (near Prunedale)		S	Caltrans
	Junction of US 101 & SR 156 north		M	Caltrans
	Junction of State Routes 1 & 68 south		S	Caltrans
	Junction of State Routes 1 & 156		S	Caltrans
	Santa Cruz County:			
	SR 1 (and nearby local roads)		S	Caltrans, Local Agencies
	SR 17 (and nearby local roads)		s	Caltrans, Local Agencies
	Santa Cruz Boardwalk area		М	Caltrans, Local Agencies
Traffic Information	Santa Barbara County:	1,2,3,8,13		
Dissemination (cont.)	US 101/SR 154 in Santa Barbara	(Non-Recurring	s	CHP, Caltrans
Highway Advisory	US 101/SR 154 San Marcos Pass	Congestion,	М	CHP, Caltrans
Radio	San Luis Obispo County:	Special Event/		
(Permanent)	US 101/SR 1 in San Luis Obispo	Activity Center	М	CHP, Caltrans
- provides motorists	US 101/SR 58 in Santa Margarita	Traffic, Travel	M	CHP, Caltrans
with traffic information	US 101/SR 46 in Paso Robles	Travel Info.	M	CHP, Caltrans
via radio	San Benito County:	Needs,	IVI	CITF, Califalis
via radio	US 101	Neeus,	М	Caltrans
	SR 25		M	Caltrans
				Caltrans
	SR 156	A asir visi a a \	М	Caitrans
	Monterey County:	Activities)		0.15 0.1
	SR 1/SR 68 Junction		М	CHP, Caltrans
	US 101/SR 156 Junction		S	CHP, Caltrans
	Santa Cruz County:			
	SR 1/SR 17 Junction		S	CHP, Caltrans
Traffic Information	Santa Barbara County:	2,3,8		
Dissemination (cont.)	Concept to be defined. Agencies coord. use of port. equip. where approp.	(Non-Recurring	S	RTPAs/CTCs
Portable Traffic	San Luis Obispo County:	Congestion,		
Management System	Concept to be defined. Agencies coord. use of port. equip. where approp.	Special Event/	S	RTPAs/CTCs
- refers to portable system that	San Benito County:	Activity Center		
may include CMS, HAR and/or	Concept to be defined. Agencies coord. use of port. equip. where approp.	Traffic, Travel	S	RTPAs/CTCs
CCTV.	Monterey County:	Information		
May be used for special	Concept to be defined. Agencies coord. use of port. equip. where approp.	Needs)	S	RTPAs/CTCs
events, activity centers	Santa Cruz County:	·		
(refer. Attachment A) & facility	Concept to be defined. Agencies coord. use of port. equip. where approp.		s	RTPAs/CTCs
construction activities.	,		-	

RECOMMENDED CENTRAL COAST ITS PROJECTS

Market Package	Specific Locations/Areas	Problems Addressed	Time Frame (S/M/L)	Possible Responsible Agencies
Regional Traffic	Santa Barbara County:	1,2,3,6,9		
Control	City of Santa Barbara	(Recurring	S	Caltrans/Santa Barbara
Integrated Freeway/	City of Santa Maria	Congestion,	M/L	Caltrans/Santa Maria
Arterial Control	San Luis Obispo County:	Non-Recurring		
- allows inter-	None	Congestion,		
jurisdictional traffic	San Benito County:	Spec. Event/		
control	None	Act. Cntr Traffic,		
	Monterey County:	Emergency		
	Monterey Peninsula Cities	Response,	M/L	Caltrans/Local Agencies
	City of Salinas	Efficient Network	M/L	Caltrans/Salinas
	Santa Cruz County:	for Commercial		Canada Gamaa
	City of Santa Cruz & Adjacent Cities	Vehicles)	S	Caltrans/Local Agencies
Regional Traffic	Region:	1,2,3,6,7,9,14	Ŭ	Culturis/Eddai / (gerioles
Control (cont.)	Basic TMC in Region or in Subregion	(Recurring	S/M	Caltrans/CHP
Regional Transp.	Surveillance Station Infill Throughout Region or Subregion	Congestion,	S/M	Caltrans/CHP
Mgmt. Center	Surveillance Station Initial Throughout Neglon of Subregion	Non-Recurring	O/IVI	Califal 13/Of II
- clearinghouse for		Congestion,		
traffic information		Spec. Event/		
		Act. Cntr Traffic.		
- overall system management				
		Emergency		
		Response, Real-Time		
		System Monit.,		
		Efficient Network		
		for Commercial		
		Vehicles,		
		Inter-Agency		
		Communication)		
Incident	Region:	2,3,6		
Management	Emergency Response Agencies	(Non-Recurring	S/M	Law Enforcement,
System		Congestion,		Emergency Service
CAD System		Spec. Event/		Providers
Enhancements		Act. Cntr Traffic,		
- optimizes response		Emergency		
to reduce the impact of		Response)		
incidents				
Incident	Region:	2,3,6		
Management	May be Implemented by Individual Agencies	(Non-Recurring	S/M	Caltrans,
System (cont.)		Congestion,		Law Enforcement,
Integrated Communication		Spec. Event/		Emergency Service
System		Act. Cntr Traffic,		
		Emergency		
		Response)		

RECOMMENDED CENTRAL COAST ITS PROJECTS

Market Package	Specific Locations/Areas	Problems Addressed	Time Frame (S/M/L)	Possible Responsible Agencies
Incident	Santa Barbara County:	2,6	(0,	
Management	US 101	(Non-Recurring	S	SBCAG/Caltrans/CHP
System (cont.)	SR 1	Congestion,	s	SBCAG/Caltrans/CHP
Motorist Aid Systems	SR 246	Emergency	s	SBCAG/Caltrans/CHP
(i.e. Call Boxes)	SR 154	Response)	S	SBCAG/Caltrans/CHP
- quicker incident	Remaining State Routes		M/L	SBCAG/Caltrans/CHP
identification to reduce	San Luis Obispo County:			
the impact of incidents	Rural SR 227		S/M	SLOCOG/Caltrans/CHP
,	Remaining State Routes		S/M	SLOCOG/Caltrans/CHP
	San Benito County:			
	US 101		s	SBCOG/Caltrans/CHP
	SR 25		S/M	SBCOG/Caltrans/CHP
	SR 156		S/M	SBCOG/Caltrans/CHP
	Remaining State Routes		M/L	SBCOG/Caltrans/CHP
	Monterey County:			
	US 101		s	TAMC/Caltrans/CHP
	SR 1		s	TAMC/Caltrans/CHP
	Remaining State Routes		M/L	TAMC/Caltrans/CHP
	Santa Cruz County:			
	SR 1		s	SCCRTC/Caltrans/CHP
	SR 17		S	SCCRTC/Caltrans/CHP
	Remaining State Routes		M/L	SCCRTC/Caltrans/CHP
Incident	Region:	2,6		
Management	May be Implemented by Individual Agencies Over Time	(Non-Recurring	S/M	Caltrans, CHP
System (cont.)	may be implemented by marriadal rigoroloc over time	Congestion,	G/	Law Enforcement,
Response Strategy		Emergency		Emergency Service
Support		Response)		Providers
- optimize inter-		(Kesponse)		Trovidors
jurisdictional				
cooperation to reduce				
the impact of incidents				
Emissions	Region:	12,14,15		
Monitoring and	No projects proposed	(Better Planning	L	AQMD/APCD.
Management	The projector proposed	Data, Inter-	_	, (0.11.5), 11. 05,
- includes pollution level		Agency Commun.,		
monitoring & vehicle		Environmental		
emissions monitor		Impacts)		
spot locations		impacto)		
Standard Railroad	Region:	11		
Grade Crossings	Appropriate Rural Locations	(Safety)	S/M	Caltrans, Local Agencies
- includes passive and	San Luis Obispo County:	(=====,)	-,	
active warning systems	Orcutt Road in San Luis Obispo		М	San Luis Obispo
and diagnostics	Grand Ave. in Grover Beach		S/M	Grover Beach
	Foothill Blvd in San Luis Obispo		M	San Luis Obispo
	SR 58 in Santa Margarita		M/L	SLO County
	13th Street in Paso Robles		M	Paso Robles
Advanced Railroad	Region:	9,11		1 doc Hobico
Grade Crossings	Appropriate Urban Locations	(Efficient Net-	S/M	Caltrans/Local Agencies
	Appropriate Rural Locations	work for	S/M	Caltrans, Local Agencies
- includes positive	Santa Barbara County:	Commercial		,
barrier systems and	US 101 in Gavitola	Vehicles, Safety)	s	Caltrans
advanced detection	US 101 - RR Bridge Adjacent to Carrillo St. Off-Ramp		S	Caltrans
capabilities	San Luis Obispo County:		Ĭ	04.04.0
	SR 41 in Atascadero		S	Caltrans
	Orcutt Road in San Luis Obispo		M	San Luis Obispo
	Grand Ave. in Grover Beach		S/M	Grover Beach
	Foothill Blvd in San Luis Obispo		M	San Luis Obispo
	. Southin Diva in Gan Eale Obiope	•	141	Juli Luid Oblapo
	SR 58 in Santa Margarita		M/L	SLO County

RECOMMENDED CENTRAL COAST ITS PROJECTS

Market Package	Specific Locations/Areas	Problems Addressed	Time Frame (S/M/L)	Possible Responsible Agencies
Parking Facility	Santa Barbara County:	1,3,7,12		
Management	Activity and Special Event Centers - Reference Attachment A	(Recurring	S/M	Local & Private Agencies
Parking Usage	Downtown Santa Barbara and Waterfront	Congestion,	S/M	Santa Barbara
Monitoring	Mission Area	Special Event/	S/M	Santa Barbara
- collects current	San Luis Obispo County:	Activity		
parking facility status	Activity and Special Event Centers - Reference Attachment A	Center Traffic,	S/M	Local & Private Agencies
and shares information with	Downtown San Luis Obispo	Real-Time	M	San Luis Obispo
traffic management	San Benito County:	System		
personnel. May include limited	Activity and Special Event Centers - Reference Attachment A	Monitoring,	S/M	Local & Private Agencies
signage as to lot status, but would	Monterey County:	Better Planning		
be an input to other information	Activity and Special Event Centers - Reference Attachment A	Data)	S/M	Local & Private Agencies
dissemination market packages	Downtown Monterey		S/M	Monterey
	Monterey Bay Aquarium Area		S/M	Monterey
	Downtown Carmel		S/M	Carmel
	Santa Cruz County:			
	Activity and Special Event Centers - Reference Attachment A		S/M	Local & Private Agencies
	Downtown Santa Cruz		S/M	Santa Cruz
Parking Facility	Santa Barbara County:	1,7,12		
Management	Activity and Special Event Centers - Reference Attachment A	(Recurring	L	Local & Private Agencies
Electronic Parking	Downtown Santa Barbara	Congestion,	S/M	Santa Barbara/Priv. Ag.
Fees	Santa Barbara Mission Area	Real-Time	S/M	Santa Barbara/Priv. Ag.
	San Luis Obispo County:	System		3
- automated fee	Activity and Special Event Centers - Reference Attachment A	Monitoring,	L	Local & Private Agencies
collection with in-vehicle	Downtown San Luis Obispo	Better Planning	М	San Luis Obispo/Priv. Ag.
communications	San Benito County:	Data)		
equipment	Activity and Special Event Centers - Reference Attachment A		L	Local & Private Agencies
	Monterey County:			
	Activity and Special Event Centers - Reference Attachment A		L	Local & Private Agencies
	Downtown Monterey		S/M	Monterey/Priv. Ag.
	Fisherman's Wharf Area		S/M	Monterey/Priv. Ag.
	Monterey Bay Aquarium Area		S/M	Monterey/Priv. Ag.
	Downtown Carmel		S/M	Carmel/Priv. Ag.
	Santa Cruz County:			
	Activity and Special Event Centers - Reference Attachment A		L	Local & Private Agencies
	Downtown Santa Cruz		S/M	Santa Cruz/Priv. Ag.
	Santa Cruz Boardwalk Area		S/M	Santa Cruz/Priv. Ag.
Road Weather	Santa Barbara County:	2,6,7,8,9,11,15		
Information	US 101 - Ventura Co to Buellton	(Non-Recurring	S/M	Caltrans
System	SR 154	Congestion,	S/M	Caltrans
- includes environmental	San Luis Obispo County:	Emergency		
sensors and information	None	Response,		
dissemination	San Benito County:	Real-Time		
	None	System Monit.,		
	Monterey County:	Travel Info.		
Information may be disseminated	SR 1 - Big Sur Area	Needs,	S/M	Caltrans
through other information	US 101 through Prunedale	Efficient	S/M	Caltrans
dissemination market packages	Santa Cruz County:	Network for		
	SR 1	Commercial	S/M	Caltrans
Use depends upon severity	SR 17	Vehicles,	S/M	Caltrans
of impact or problem		Safety,		
		Environmental		
		Impacts)		

RECOMMENDED CENTRAL COAST ITS PROJECTS

Market Package	Specific Locations/Areas	Problems Addressed	Time Frame (S/M/L)	Possible Responsible Agencies
Advanced Safety	Santa Barbara County:	6,11	()	
Systems	Downtown Santa Barbara	(Emergency	M/L	Santa Barbara
Advanced	Mission District	Response,	M/L	Santa Barbara
Crosswalks	UC Santa Barbara in Isla Vista	Safety)	M/L	Santa Barbara County
	SR 242 in Solvang		M/L	Solvang/Caltrans
	SR 242 in Buellton		M/L	Buellton/Caltrans
- increases awareness of	San Luis Obispo County:			Buomony Gumano
of potential pedestrian	Downtown SLO		М	San Luis Obispo
conflicts	CalPoly Area		L.	Local Agencies
Commoto	Arroyo Grande Village Area		М	Arroyo Grande
	El Camino Real in Atascadero		M	Atascadero
	Spring St. in Paso Robles		M	Paso Robles
			S	
	Grand Ave Arroyo Grande/Grover Beach		3	Local Agencies
	San Benito County:			I I a IP a to a
	Downtown Hollister		M/L	Hollister
	Monterey County:			
	Local Streets Adjacent to Monterey Bay Aquarium		M/L	Monterey
	Santa Cruz County:			
	Boardwalk Area		M/L	Santa Cruz
	UC Santa Cruz Area		M/L	Santa Cruz
Advanced Safety	Region:	6,9,11		
Systems (cont.)	This market package is in experimental status within the state.	(Emergency	L	Caltrans
Curve/Grade	Possible applications to be determined through the Caltrans Safety	Response,		
Warning Systems	Improvement Program.	Effic. Network		
- increases awareness		for Commer.		
of approaching		Vehicles,		
curves and grade changes		Safety)		
Advanced Safety	Region:			
Systems	No Projects Proposed			
Height Detectors				
- increases awareness				
of approaching				
overhead hazards				
TRANSIT MANAGEMENT				
Transit Vehicle	Region:	4,12,14		
Tracking	All transit systems	(Transit	S/M	Transit Agencies
- includes vehicle	Santa Barbara County:	Efficiency		_
tracking and real-time	SBMTD	& Effectiveness,	S/M	SBMTD
schedule updating	SMAT	Better	S/M	SMAT
Ĭ	San Luis Obispo County:	Planning Data,		
	CCAT	Inter-Agency	S/M	CCAT
	SLO Transit	Communication)	S/M	SLO Transit
	PRCATS	<u> </u>	L	PRCATS
	SCAT		S/M	SCAT
	Ride-On		S/M	Ride-On
	San Benito County:			
	SBCE		L	SBCE
	Monterey County:		_	
	MST		S/M	MST
	Santa Cruz County:		5/141	
	SCMTD		S/M	SCMTD

RECOMMENDED CENTRAL COAST ITS PROJECTS

Market Package	Specific Locations/Areas	Problems Addressed	Time Frame (S/M/L)	Possible Responsible Agencies
Transit Fixed-Route	Santa Barbara County:	4,8		
Operations	SBMTD	(Transit	S/M	SBMTD
Off-Line Route/	SMAT	Efficiency	S/M	SMAT
Schedule Management	San Luis Obispo County:	& Effectiveness,		
- vehicle routing and	CCAT	Travel	M	CCAT
scheduling for fixed-	SLO Transit	Information	S/M	SLO Transit
route services	PRCATS	Needs)	М	PRCATS
	SCAT	,	М	SCAT
	San Benito County:			
	SBCE		L	SBCE
	Monterey County:			
	MST		S/M	MST
	Santa Cruz County:		O/IVI	IVIOT
	SCMTD		S/M	SCMTD
Damand Bassassa		4	3/IVI	SCIVITU
Demand Response	All Counties:			Biol A Bids Consultan
Transit Operations	Dial-A-Ride Operators	(Transit	М	Dial-A-Ride Operators
Automated		Efficiency		
Dispatching/Information		& Effectiveness)		
 allows automated demand 				
responsive transit services				
Transit Passenger	Santa Barbara County:	4,12		
& Fare Management	SBMTD	(Transit	S/M	SBMTD
Automated	SMAT	Efficiency	S/M	SMAT
Passenger Counting	San Luis Obispo County:	& Effectiveness,		
-counts passengers	CCAT	Better	S/M	CCAT
through the use of	SLO Transit	Planning Data)	S/M	SLO Transit
=		Flatility Data)		SCAT
automated devices	SCAT		L	SCAT
	San Benito County:			2225
	SBCE		L	SBCE
	Monterey County:			
	MST		S/M	MST
	Santa Cruz County:			
	SCMTD		S/M	SCMTD
Transit Passenger	Santa Barbara County:	4,12		
& Fare Management	SBMTD	(Transit	S/M	SBMTD
Electronic Fare	SMAT	Efficiency	S/M	SMAT
Collection	San Luis Obispo County:	& Effectiveness,		
	CCAT	Better	М	CCAT
- collects fares through	SLO Transit	Planning Data)	S	SLO Transit
automated devices,	PRCATS	r larining Data)	M	PRCATS
usually through	SCAT		M	SCAT
			M	Atascadero
electronic transit pass	Atascadero		IVI	Atascadero
readers	San Benito County:			
	SBCE		L	SBCE
	Monterey County:			
	MST		S/M	MST
	Santa Cruz County:			
	SCMTD		S/M	SCMTD
Transit Security	Santa Barbara County:	4		
Video Surveillance	SBMTD	(Transit	М	SBMTD
- transit vehicles and	SMAT	Efficiency	M	SMAT
public areas associated	San Luis Obispo County:	& Effectiveness)		
with transit are	CCAT		L	CCAT
monitored for the	SLO Transit	1	M/L	SLO Transit
security of transit	SCAT	1	L	SCAT
passengers	San Benito County:			
	SBCE	1	M	SBCE
	Monterey County:	1		
	MST	1	М	MST
	Santa Cruz County:	1		
	SCMTD	1	М	SCMTD

RECOMMENDED CENTRAL COAST ITS PROJECTS

Market Package	Specific Locations/Areas	Problems Addressed	Time Frame (S/M/L)	Possible Responsible Agencies
Transit Security	Santa Barbara County:	4		
Voice/Data	SBMTD	(Transit	M	SBMTD
Communications	SMAT	Efficiency	M	SMAT
- infrastructure that	San Luis Obispo County:	& Effectiveness)		
allows the on-board	CCAT		L	CCAT
transit security system	SLO Transit		M	SLO Transit
to communicate with	San Benito County:			
transit management	SBCE		M	SBCE
	Monterey County:			
	MST		М	MST
	Santa Cruz County:			001.55
T '4	SCMTD	4.40	M	SCMTD
Transit	Santa Barbara County:	4,13	0/14	ODIATO
Maintenance	SBMTD	(Transit	S/M	SBMTD
- includes maintenance	SMAT Control Original Country	Efficiency	S/M	SMAT
scheduling systems and	San Luis Obispo County:	& Effectiveness,		0047
on-board diagnostics	CCAT	Maintenance	M/L	CCAT
	SLO Transit	Activities)	M/L	SLO Transit
	SCAT		M/L	SCAT
	San Benito County:		N 4 /1	SDSE
	SBCE Mantage County		M/L	SBCE
	Monterey County: MST		C/M	MST
	Santa Cruz County:		S/M	IVIST
	SCMTD		S/M	COMTO
Multi-modal	Santa Barbara County:	4,5,14	S/IVI	SCMTD
		(Transit	М	Santa Barbara
Coordination	State Street San Luis Obispo County:	Efficiency	IVI	Santa Barbara
Signal Priority	•	1	М	Cities
- gives traffic signal	Grand Avenue (Arroyo Grande & Grover Beach) Throughout SLO urban area	& Effectiveness, Mobility &	M	San Luis Obispo
priority to the transit	San Benito County:	Accessibility,	IVI	San Luis Obispo
vehicle	None	Inter-Agency		
verlicie		Communication)		
	Monterey County: Abrego Street	Communication)	М	Monterey
	Santa Cruz County:		IVI	Worterey
	Ocean Avenue		М	Santa Cruz
Transit Traveler	Santa Barbara County:	4,5,8		Odrita Oraz
Information	SBMTD	(Transit	s	SBMTD
Static Transit Route/	SMAT	Efficiency	s	SMAT
Schedule Information	San Luis Obispo County:	& Effectiveness,	Ü	G.II 1.
- provides transit users	CCAT	Mobility &	М	CCAT
access to static transit	SLO Transit	Accessibility,	M	SLO Transit
& itinerary planning information	SCAT	Travel	М	SCAT
3	San Benito County:	Information		
	SBCE	Needs)	s	SBCE
	Monterey County:	,		
	MST		s	MST
	Santa Cruz County:			
	SCMTD		s	SCMTD
Transit Traveler	Santa Barbara County:	4,5,8		
Information (cont.)	SBMTD	(Transit	S	SBMTD
Real-Time Transit	San Luis Obispo County:	Efficiency		
Schedule Information	CCAT	& Effectiveness,	M/L	CCAT
	SLO Transit	Mobility &	M/L	SLO Transit
	San Benito County:	Accessibility,	"-	
- provides transit users	No Projects Proposed	Travel		
access to dynamic	Monterey County:	Information		
transit information	MST	Needs)	s	MST
	Santa Cruz County:	,	-	-
	SCMTD		S	SCMTD

RECOMMENDED CENTRAL COAST ITS PROJECTS

Market Package	Specific Locations/Areas	Problems Addressed	Time Frame (S/M/L)	Possible Responsible Agencies
TRAVELER INFORMATION				
Broadcast Traveler	Region:	8,14		
Information	Information Service Providers (ISP) implement systems as market dictates	(Trav. Info.	M/L	Infor. Service Providers
- includes pager and		Needs,		
radio based systems		Inter-Agency		
		Communication)		
Interactive Traveler	Region:	4,5,8,14	l	0.15
Information	Real time traffic information made available through the Internet	(Transit Effic.	М	Caltrans/CHP/ Local Agencies
	Kiosks located at Activity Centers and Special Events (reference Attach. A)	& Effectiveness,	S	Caltrans/CHP/ Local Agencies
	Information Service Providers (ISP) implement systems as market dictates	Mobility &		Infor. Service Providers
		Accessibility,		
		Travel Info.		
		Needs, Inter- Agency Commun)		
Yellow Pages and	Region:	Agency Commun)		Chambers of
Reservation	Regionwide or in Subregions	(Travel	s	Commerce,
- adds interactive yellow pages		Information		Visitors
and reservation capabilities		Needs)		Bureau, Etc.
COMMERCIAL VEHICLE OPE	ERATIONS			
Electronic Clearance	Region:	9,10,11		
- provides automated	At Weigh Station/Inspection Locations	(Effic. Netwrk for	s	CHP/Caltrans
clearance at roadside	At Weigh Station/mapection Escations	Commer. Vehs,		Or II / Califalia
check facilities		Impacts of		
		Commer. Vehs		
		on Hwys, Safety)		
CV Administrative	Region:	,,		
Processes	State issue; not handled at the County level		S/M	Various State Agencies
-electronically stream-				CHP/Caltrans
lines CVO filings	Post in	0.44		
Weigh-In-Motion - provides for high	Region: At Weigh Station/Inspection Locations	9,14 (Effic. Netwrk for	S	CHP/Caltrans
speed weigh-in-motion	At Weigh Station/mapection Escations	Commer. Vehs,		OH / Califalis
l special manager in manager		Inter-Agency		
		Communication)		
Roadside CVO Safety	Region:	10		
- automates inspections	At Weigh Station/Inspection Locations	(Impacts of	S/M	CHP/Caltrans
at the roadside element		Commer. Vehs on Hwys)		
HazMat	Region:	6,9,10,15		
Management	Tie into State and/or National system when available	(Emergency Re-	S/M	CHP/Caltrans/
- integrates incident		sponse, Effic.		Emergency Service
management capabilities		Netwrk for		Providers
with commercial vehicle		Commer. Vehs,		
tracking		Impacts of		
		Commer. Vehs		
		on Hwys, Envir.		
Automated Dispatch/	Montoray County	Impacts) 9,10		
Information System	Monterey County: Salinas	9,10 (Effic. Netwrk for	S/M	Salinas
(CVO ATIS)	Cairrido	Commer. Vehs,	3/101	Gaillias
1 2		Impacts of		
		Commer. Vehs		
		on Hwys)		

RECOMMENDED CENTRAL COAST ITS PROJECTS

		Problems	Time	Possible Responsible
Market Package	Specific Locations/Areas	Addressed	Frame (S/M/L)	Agencies
			(S/IVI/L)	
EMERGENCY MANAGEMENT				
Emergency	Region:	2,6,11,14,15		
Response	Individual law enforcement and emergency service providers	(Non-Recurring	M/L	CHP/Law Enforcement/
- includes emergency		Congestion,		Emergency Service
vehicle tracking and		Emergency		Providers
enhanced computer-		Response,		
aided dispatch (CAD)		Safety,		
systems		Inter-Agency Communication,		
		Environmental		
Emergency Routing	Santa Barbara County:	Impacts) 2,6,11,14		
Signal Pre-emption	State Street	(Non-Recurring	М	Santa Barbara
for Emergency Vehicles	San Luis Obispo County:	Congestion,	IVI	Santa Barbara
- gives traffic signal	Higuera Avenue (SLO)	Emergency	М	San Luis Obispo
priority to the	SR 1 & 227 (SLO)	Response,	M	San Luis Obispo/Caltrans
emergency vehicle	Grand Ave. (Arroyo Grande/Grover Beach)	Safety,	M	AG/GB
emergency verticle	El Camino Real (Atascadero)	Inter-Agency	M	Atascadero
	San Benito County:	Communication)	IVI	Atascadero
	None None	Communication)		
	Monterey County:			
	Abrego Street		М	Monterey
	Santa Cruz County:			e.nerey
	Ocean Avenue		М	Santa Cruz
Emergency Routing (cont.)	Region:	2,6,14		
Route Guidance	Individual law enforcement and emergency service providers	(Non-Recurring	M	Law Enforcement/
- supports dynamic		Congestion,		Emergency Service
routing of emergency		Emergency		Providers
vehicles		Response,		
		Inter-Agency		
		Communication)		
Mayday Support	Region:	6,11,14		
- includes Mayday	Implemented through private call centers and forwarded to the CHP	(Emergency	M	Private Call
notification system and		Response,		Centers/CHP
Mayday response		Safety,		
center		Inter-Agency		
Fufauaamant	Deniem.	Communication)		
Enforcement	Region:	11	C/M	Law Fafarasas :
- includes red light	Areas of high accident potential	(Safety)	S/M	Law Enforcement
enforcement, stop sign	Monterey County:		S/M	CHP
enforcement, and neighborhood speed	US 101 - Prunedale area - radar speed enforcement		S/IVI	CHP
monitoring				
PLANNING				
	Devices	10.11.15		
Planning Data	Region:	12,14,15	S/M	DTDAc/OTO-/
Collection	Archive system located at RTPAs/CTCs and at Caltrans	(Better Ping.	5/IVI	RTPAs/CTCs/
-includes archive function and additional data collection devices		Data, Inter-Agen. Commun., Env.		
auditional data collection devices		Commun., Env.		